



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO
CONCELHO DA GUARDA

4º TRIMESTRE 2021

ZONA DE ABASTECIMENTO: FERNÃO JOANES
Localidades abastecidas: Fernão Joanes


Edital Nº 21

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na fonte de consumo, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. coli)</i>	0	N/100 ml	0	---	0	100%	1	1	100%
Bactérias coliformes	0	N/100 ml	0	---	0	100%	1	1	100%
Desinfetante residual	---	mg/l	0,4	---	---	---	1	1	100%
Cheiro a 25 °C	3	Fator de diluição	<1	---	0	100%	1	1	100%
Sabor a 25 °C	3	Fator de diluição	<1	---	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,6	---	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	32	---	0	100%	1	1	100%
Cor	20	mg/l PtCo	<5	---	0	100%	1	1	100%
Turvação	4	UNT	<0,50	---	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	---	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	0	---	---	---	1	1	100%
Número de colónias a 36 °C	---	N/ml	0	---	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	---	0	100%	1	1	100%
Alumínio	200	µg/L Al	14,3	---	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₃	<0,1	---	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	<1,0	---	0	100%	1	1	100%
Arsénio	10	µg/l As	<1,0	---	0	100%	1	1	100%
Benzeno	1,0	µg/l	<0,20	---	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	<0,003	---	0	100%	1	1	100%
Boro	1,0	mg/l B	<0,010	---	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	<3,0	---	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	<0,40	---	0	100%	1	1	100%
Cálcio	---	mg/l Ca	2,2	---	---	---	1	1	100%
Cianetos	50	µg/l CN	<5	---	0	100%	1	1	100%
Cloreto	250	mg/l Cl	3,4	---	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<1,0	---	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	0,0059	---	0	100%	1	1	100%
Crómio	50	µg/l Cr	<1,0	---	0	100%	1	1	100%
1,2 - dicloroetano	3,0	µg/l	<0,750	---	0	100%	1	1	100%
Dureza total	---	mg/l CaCO ₃	7,6	---	---	---	1	1	100%
Ferro	200	µg/l Fe	5,9	---	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	<0,4	---	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	<0,012	---	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,006	---	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,003	---	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,010	---	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,012	---	---	---	1	1	100%
Magnésio	---	mg/l Mg	<2,0	---	---	---	1	1	100%
Manganês	50	µg/l Mn	4,56	---	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	5	---	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	<0,04	---	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	<0,010	---	0	100%	1	1	100%
Níquel	20	µg/l Ni	<2,0	---	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O ₃	<0,9	---	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	<0,10	---	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	<0,030	---	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	<0,030	---	0	100%	1	1	100%
Selénio	10	µg/l Se	<1,0	---	0	100%	1	1	100%
Sódio	200	mg/l Na	3,81	---	0	100%	1	1	100%
Sulfatos	250	mg/l SO ₄	<10	---	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	<0,30	---	0	100%	1	1	100%
Tetracloroetano	---	µg/l	<0,20	---	---	---	1	1	100%
Tricloroetano	---	µg/l	<0,10	---	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	1,41	---	0	100%	1	1	100%
Clorofórmio	---	µg/l	0,48	---	---	---	1	1	100%
Bromofórmio	---	µg/l	<0,20	---	---	---	1	1	100%
Bromodichlorometano	---	µg/l	0,42	---	---	---	1	1	100%
Dibromoclorometano	---	µg/l	0,51	---	---	---	1	1	100%
Dose indicativa	0,10	mSv	<0,10	---	0	100%	1	1	100%
Radão	500	Bq/l	66,4	---	0	100%	1	1	100%
α-total	0,1	Bq/l	0,06	---	0	100%	1	1	100%
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO ₂	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO ₃	---	---	---	---	---	---	---
β-total	1,0	Bq/l	---	---	---	---	---	---	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Não aplicável.

O Presidente da CMG:


(Sérgio Fernando da Silva Costa)

Data de publicação no website da CMG: 09/03/2022